

Title (en)

THE USE OF MILL DRIED ALUMINIUM HYDROXIDE PARTICLES IN PAPER MANUFACTURING AND PAPER PRODUCT COATINGS

Title (de)

VERWENDUNG VON MAHLGETROCKNETEN ALUMINIUMHYDROXIDPARTIKELN BEI DER PAPIERHERSTELLUNG UND PAPIERPRODUKT BESCHICHTUNGEN

Title (fr)

UTILISATION DE PARTICULES D'HYDROXYDE D'ALUMINIUM SÉCHÉES PAR BROyage DANS LA FABRICATION DU PAPIER ET DE REVÊTEMENTS DE PRODUIT DE PAPIER

Publication

EP 2155610 A2 20100224 (EN)

Application

EP 08784506 A 20080604

Priority

- EP 2008004439 W 20080604
- US 94175907 P 20070604
- US 94176207 P 20070604

Abstract (en)

[origin: WO2008148532A2] The present invention relates to the use of mill-dried aluminum hydroxide particles (i) as fillers, such as opacity and/or brightness and/or printability improvers, in the production of paper and (ii) in coatings suitable for use on paper and paper products and the paper and paper products having the coating applied thereto.

IPC 8 full level

C01F 7/021 (2022.01); **D21H 19/00** (2006.01); **D21H 21/00** (2006.01)

CPC (source: EP US)

C01F 7/021 (2013.01 - EP US); **C09K 21/02** (2013.01 - EP US); **D21H 17/675** (2013.01 - EP US); **D21H 17/69** (2013.01 - EP US); **D21H 19/385** (2013.01 - EP US)

Citation (search report)

See references of WO 2008148532A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2008148532 A2 20081211; **WO 2008148532 A3 20091105**; EP 2155610 A2 20100224; US 2010175844 A1 20100715

DOCDB simple family (application)

EP 2008004439 W 20080604; EP 08784506 A 20080604; US 59799808 A 20080604